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Magnetic accessory attachment aid for spectacles - uses compact magnets
made of special alloys for incorporation in spectacle frame

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Patent Family:

CC Number	Kind	Date	Week	
WO 9009611	A	900823	9036	(Basic)
DE 3919489	A	901220	9101	
DE 3920879	A	910103	9102	
DE 3921987	A	910117	9104	
DE 3933310	A	910131	9106	
EP 458815	A	911204	9149	
JP 4504177	W	920723	9236	

Priority Data (CC No Date): DE 3905041 (890218); DE 3919489 (890614); DE
3920879 (890626); DE 3921987 (890704); DE 3924785 (890726); DE 3933310
(891005)

Applications (CC,No,Date): JP 90502935 (900214); WO 90DE98 (900214); EP
90902758 (900214)

Abstract (Basic): WO 9009611

To enable extra lenses (30,32) to be secured to a pair of
spectacles in front of the normal lenses (18,20) a magnetic connection
(22) can be incorporated in the frame (2) e.g. in the bridge piece
(16). One magnet (36) is housed inside a bridge piece connecting the
extra lenses (e.g. for sunglasses) and the other magnet (34) is in the
main bridge piece.

Permanent magnets having high characteristic values such as
energy density and permanence are incorporated, using alloys contg. at
least one rare earth element and/or cobalt and/or by making them
magnetically anisotropic. Their volume and weight are low enough for
incorporating in the frame.

USE/ADVANTAGE - Compact design giving an adequately strong
connection. @(52pp Dwg.No.7/17)@